

IN THE CLAIMS:

Claims 1-16 (Cancelled).

Claim 17 (New) A method for treating multiple sclerosis, comprising administering to a subject in need thereof, a pharmaceutically effective amount of a copolymer-1 fraction wherein the copolymer-1 fraction has an average molecular weight of about 4 to about 9 kilodaltons, made by a process comprising:

treating trifluoroacetyl copolymer-1 with aqueous piperidine to form a solution of copolymer-1; and

purifying copolymer-1, thereby producing a copolymer-1 fraction having an average molecular weight of about 4 to about 9 kilodaltons.

Claim 18 (New) The method of claim 17, wherein the copolymer-1 fraction has an average molecular weight of about 4 to about 8 kilodaltons.

Claim 19 (New) The method of claim 17, wherein the copolymer-1 fraction has an average molecular weight of about 6.25 to about 8.4 kilodaltons.